

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	10/773317	US-PGPUB	OR	OFF	2008/03/31 12:09
L3	0	2 and solvent and second and membrane	US-PGPUB	OR	OFF	2008/03/31 12:10
L4	1	2 and solvent and good and membrane	US-PGPUB	OR	OFF	2008/03/31 12:10
L5	1	2 and solvent\$2 and good and membrane	US-PGPUB	OR	OFF	2008/03/31 12:16
L6	2691	429//30	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 12:55
L7	99	6 and membrane and solvent and (pressure same bond\$3) and assemb\$5	US-PGPUB; USPAT	OR	OFF	2008/03/31 12:55
L8	7	6 and membrane and ((residual remain\$4) near2 solvent\$2) and (pressure same bond\$3) and assemb\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 12:56
L9	350	429//29	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 12:59
L10	0	9 and membrane and ((residual remain\$4) near2 solvent\$2) and (pressure same bond\$3) and assemb\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:00
L11	0	9 and membrane and ((residual remain\$4) near2 solvent\$2) and (pressure same bond\$3) and assemb\$5 and solvent\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:00
L12	1935	429//33	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:00
L13	8	12 and membrane and ((residual remain\$4) near2 solvent\$2) and (pressure same bond\$3) and assemb\$5 and solvent\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:00
L14	194	((fuel adj cell\$2) and membrane and ((residual remain\$4) near2 solvent\$2) and (pressure same bond\$3) and assemb\$5 and solvent\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:02
L15	13	((fuel adj cell\$2) and membrane and solvent\$2 and (pressure same bond\$3)	EPO; JPO; DERWENT	OR	OFF	2008/03/31 13:09
L16	114	((masaka same fusazumi) (kita same kiyonori) (hama same yuichiro) (iguchi same masaru) (mitsuta same naoki) (yano same junichi)).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:12

L17	18	16 and (fuel adj cell\$2) and solvent\$2 and bond\$3 and residual and cast\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:13
L18	3	16 and (fuel adj cell\$2) and solvent\$2 and bond\$3 and residual and cast\$3 and ((good second another) near2 solvent \$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:14
L19	3	16 and (fuel adj cell\$2) and solvent\$2 and bond\$3 and residual and cast\$3 and ((good second another additional) near2 solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:14
L20	0	((fuel adj cell\$2) and solvent\$2 and bond\$3 and residual and cast \$3 and ((good second another additional) near2 solvent\$2)). .clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:16
L21	10	((fuel adj cell\$2) and solvent\$2 and bond\$3 and ((good second another additional) near2 solvent \$2)). .clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/31 13:17
S1	2132	429//30	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:11
S2	92	S1 and membrane and solvent and (pressure same bond\$3)	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:16
S3	84	S1 and membrane and solvent and (pressure same bond\$3) and assemb\$5	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:24
S4	0	S1 and membrane and solvent and (pressure same bond\$3) and assemb\$5 and (sulfonated same polyarylene)	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:25
S5	3	S1 and membrane and solvent and assemb\$5 and (sulfonated same polyarylene)	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:32
S6	1	"6197147".pr.	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:32
S7	1	S6 and (membrane same coat\$3 same solvent\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/09 14:33
S8	1	(sherman same scott).in. and (fuel adj cell\$2)	USPAT	OR	OFF	2006/01/10 15:04
S9	5	(sherman same scott).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:05
S10	0	(glenn same price).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:05
S11	4	(glenn same price).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:06
S12	6	(tabatabaian same mehrzad).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:07
S13	1	(wrightman same brett).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:07

S14	1	(christie same athal).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:07
S15	11	(perry same martin).in. and (fuel adj cell\$2)	US-PGPUB; USPAT	OR	OFF	2006/01/10 15:08
S16	1	10/773317	US-PGPUB	OR	OFF	2006/06/24 12:01
S17	1	S16 and solvent and good	US-PGPUB	OR	OFF	2006/06/24 12:01
S18	1	S16 and solvent same good	US-PGPUB	OR	OFF	2006/06/24 12:01
S19	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:42
S20	1	S19 and solvent same appl\$5	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:42
S21	7	(fuel adj cell\$2) and ((membrane same coat\$3) and (solvent\$2 same mg/cm\$5))	US-PGPUB; USPAT	OR	OFF	2006/06/24 12:16
S22	3	(fuel adj cell\$2) and ((membrane same coat\$3) and solvent\$2 same (pressure near bond\$3))	US-PGPUB; USPAT	OR	OFF	2006/06/24 12:19
S23	262	(fuel adj cell\$2) and ((membrane same coat\$3) and solvent\$2 same bond\$3)	US-PGPUB; USPAT	OR	OFF	2006/06/24 12:20
S24	4	(fuel adj cell\$2) and ((membrane same coat\$3) same (coat\$3 near solvent\$2) same bond\$3)	US-PGPUB; USPAT	OR	OFF	2006/06/24 12:20
S25	1	10/773317	US-PGPUB	OR	OFF	2006/10/12 17:02
S26	1	S25 and cast\$3 and thick\$4	US-PGPUB	OR	OFF	2006/06/27 09:35
S27	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:42
S28	0	S27 and cast	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:42
S29	1	S27 and cast\$3	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:42
S30	0	S27 and cast\$3 same solvent	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:42
S31	1	S27 and cast\$3 and solvent	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:49
S32	1	S27 and fac\$4	US-PGPUB; USPAT	OR	OFF	2006/06/27 09:53
S33	1	S27 and pressure	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:18
S34	616	(fuel adj cell\$2) and ((coat\$3 or cast\$3) same solvent same electrode)	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:19
S35	52	(fuel adj cell\$2) and ((coat\$3 or cast\$3) same solvent same electrode) and (bond\$3 same MEA)	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:19

S36	29	((fuel adj cell\$2) and ((coat\$3 or cast\$3) same surface same solvent same electrode) and (bond\$3 same MEA)	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:19
S37	29	((fuel adj cell\$2) and ((coat\$3 or cast\$3) same surface same solvent same electrode and thick \$4) and (bond\$3 same MEA)	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:27
S38	1	"6524736".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:27
S39	1	S38 and ((fuel adj cell\$2) and ((coat\$3 or cast\$3) same surface same solvent same electrode and thick\$4) and (bond\$3 same MEA) and solvent and electrode and thick\$4	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:29
S40	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:42
S41	1	S40 and solvent and thick\$4	US-PGPUB; USPAT	OR	OFF	2006/06/27 10:42
S42	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2006/10/12 17:00
S43	1	S42 and swell\$3	US-PGPUB; USPAT	OR	OFF	2006/10/12 17:41
S44	1	10/773317	US-PGPUB	OR	OFF	2006/10/12 17:57
S45	1	S44 and swell\$3	US-PGPUB	OR	OFF	2006/10/12 17:02
S46	0	S42 and swell\$3 and solvent and little	US-PGPUB; USPAT	OR	OFF	2006/10/12 17:41
S47	1	S42 and swell\$3 and solvent and too	US-PGPUB; USPAT	OR	OFF	2006/10/12 17:41
S48	1	"6524736".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:22
S49	1	S48 and solvent\$2 and too	US-PGPUB; USPAT	OR	OFF	2006/10/12 17:53
S50	1	S44 and solvent\$2	US-PGPUB	OR	OFF	2006/10/12 18:35
S51	1	S44 and dissolv\$4	US-PGPUB	OR	OFF	2006/10/12 18:35
S52	1	10/773317	US-PGPUB	OR	OFF	2006/10/12 19:08
S53	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:23
S54	0	S53 and solvent\$2 and residual \$2	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:37
S55	1	S53 and solvent\$2	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:24
S56	1	S53 and solvent\$2 and resid\$5	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:26

S57	76	(fuel adj cell\$2) and ((residual near solvent\$2) same membrane \$2)	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:26
S58	1	S53 and dry\$3 and solvent\$3	US-PGPUB; USPAT	OR	OFF	2007/04/10 16:37
S59	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/11 14:08
S60	71	(fuel adj cell\$2) and (membrane same (residual near solvent\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:00
S61	71	(fuel adj cell\$2) and (membrane same (residual near solvent\$2)) and membrane and (residual near solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:15
S62	6	(fuel adj cell\$2) and (membrane same (residual near solvent\$2)) and membrane and (residual near solvent\$2)	EPO; JPO; DERWENT	OR	OFF	2007/04/12 13:17
S63	0	(fuel adj cell\$2) and (membrane same (trace near3 solvent\$2)) and membrane and (residual near solvent\$2)	EPO; JPO; DERWENT	OR	OFF	2007/04/12 13:17
S64	0	(fuel adj cell\$2) and (membrane same (trace near3 solvent\$2)) and membrane and (residual near solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:18
S65	1	(fuel adj cell\$2) and (membrane same (trace near3 solvent\$2)) and membrane and (trace near solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:18
S66	1	(fuel adj cell\$2) and (membrane same (trace near3 solvent\$2)) and membrane and (trace near3 solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 13:18
S67	1	"6720106".pn.	USPAT	OR	OFF	2007/04/12 14:16
S68	1	S67 and solvent\$2	USPAT	OR	OFF	2007/04/12 14:17
S69	92	(fuel adj cell\$2) and (polymer\$3 same solvent\$2) and membrane \$2 and ((trace residual remaining remain) near3 solvent\$2)	USPAT	OR	OFF	2007/04/12 14:18
S70	245	(fuel adj cell\$2) and (polymer\$3 same solvent\$2) and membrane \$2 and ((trace residual remaining remain) near3 solvent\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/12 14:19
S71	1	10/773317	US-PGPUB	OR	OFF	2007/04/12 14:22
S72	1	S71 and solvent\$2 and parts	US-PGPUB	OR	OFF	2007/04/12 14:22
S73	1	"20020155340"	US-PGPUB	OR	OFF	2007/04/13 16:41
S74	934928	"1" and (flow\$3 cast\$4 spread\$4 film)	US-PGPUB	OR	OFF	2007/04/13 11:56

S75	1	S73 and (flow\$3 cast\$4 spread\$4 film)	US-PGPUB	OR	OFF	2007/04/13 13:39
S76	0	S73 and residual	US-PGPUB	OR	OFF	2007/04/13 12:01
S77	1	S73 and remain\$3	US-PGPUB	OR	OFF	2007/04/13 12:13
S78	1	S73 and solvent same electrode	US-PGPUB	OR	OFF	2007/04/13 12:13
S79	1	"6524736".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:22
S80	1	S79 and electrode\$2 and solvent \$2	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:16
S81	1	S79 and pretreatment same solvent	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:38
S82	1	S79 and (pretreatment same solvent) and anode\$2 and cathode\$2	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:29
S83	1	S79 and (pretreatment same solvent) and anode\$2 and cathode\$2 and substrate\$2	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:36
S84	1	10/773317	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:36
S85	1	S84 and aprotic	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:06
S86	0	S73 and polyarylene	US-PGPUB	OR	OFF	2007/04/13 12:38
S87	0	S73 and polyarylene\$2	US-PGPUB	OR	OFF	2007/04/13 12:52
S88	1	S73 and water	US-PGPUB	OR	OFF	2007/04/13 12:52
S89	1	S79 and water and solvent	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:54
S90	1	"6197147".pn.	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:55
S91	1	S90 and water	US-PGPUB; USPAT	OR	OFF	2007/04/13 12:56
S92	25	(fuel adj cell\$2) and (membrane same remov\$3 same solvent\$2 same water same soak\$3)	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:01
S93	16	(fuel adj cell\$2) and (membrane same remov\$3 same (residual near solvent\$2) same water)	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:04
S94	1	(fuel adj cell\$2) and (membrane same polyarylene same advantage\$2)	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:05
S95	32	(fuel adj cell\$2) and (membrane near3 (sulfonated near polyarylene))	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:05
S96	32	(fuel adj cell\$2) and (membrane near3 (sulfonated near polyarylene))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:11

S97	0	("6685984").URPN.	USPAT	OR	OFF	2007/04/13 13:10
S98	6	("20010031430"   "4433082"   "4876115"   "5084144"   "5449576"   "6413675").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:10
S99	0	S98 and (fuel adj cell\$2) and (membrane near3 (sulfonated near polyarylene))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:11
S100	0	S98 and (sulfonated near polyarylene)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:11
S101	36	(fuel adj cell\$2) and (membrane near5 (sulfonated near polyarylene\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:11
S102	46	(fuel adj cell\$2) and (membrane same (sulfonated near polyarylene\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:12
S103	48	(fuel adj cell\$2) and (membrane \$2 same (sulfonated near polyarylene\$2))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:15
S104	62	(fuel adj cell\$2) and (sulfonated near polyarylene\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:24
S105	68	(fuel adj cell\$2) and (sulfonated near5 polyarylene\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:25
S106	1	"5403675".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:25
S107	1	S106 and sulfonated	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:25
S108	0	S106 and sulfonated and polyarylene	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:25
S109	0	S106 and sulfonated and polyarylene\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:26
S110	1	S106 and sulfonated and aryene \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 13:26
S111	1	S73 and press\$4	US-PGPUB	OR	OFF	2007/04/13 13:28
S112	0	S79 and aryene\$3	US-PGPUB; USPAT	OR	OFF	2007/04/13 13:38
S113	1	S73 and sulfonated	US-PGPUB	OR	OFF	2007/04/13 13:44
S114	0	S73 and ary\$7	US-PGPUB	OR	OFF	2007/04/13 13:44
S115	1	"6187231".pn.	USPAT	OR	OFF	2007/04/13 15:59
S116	1	S115 and solvent\$2	USPAT	OR	OFF	2007/04/13 15:59
S117	1	S84 and dielectric	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:06
S118	1	S79 and solvent\$2	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:17

S119	0	S79 and (tetramethyl\$4 dimethylsulfoxide hexamethylphos\$6 sulfolane pyrrolidone)	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:18
S120	1	S73 and (tetramethyl\$4 dimethylsulfoxide hexamethylphos\$6 sulfolane pyrrolidone)	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:19
S121	286	((fuel adj cell\$2) and (solvent\$1 near5 (tetramethyl\$4 dimethylsulfoxide hexamethylphos\$6 sulfolane pyrrolidone)))	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:19
S122	68	((fuel adj cell\$2) and ((solvent\$1 near5 (tetramethyl\$4 dimethylsulfoxide hexamethylphos\$6 sulfolane pyrrolidone)) same membrane\$2))	US-PGPUB; USPAT	OR	OFF	2007/04/13 16:20
S123	100	((fuel adj cell\$2) and (solvent same electrode\$2 same bond\$4))	USPAT	OR	OFF	2008/03/27 13:07
S124	96	((fuel adj cell\$2) and (solvent\$2 same electrode\$2 same bond\$4 same pressure))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 13:08
S125	139	((fuel adj cell\$2) and (solvent\$2 same electrode\$2 same membrane same bond\$4) and solvent\$2 and bond\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 13:16
S126	153	((fuel adj cell\$2) and (solvent\$2 same electrode\$2 same membrane\$2 same bond\$4) and solvent\$2 and bond\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/27 13:18
S127	1	10/773317	US-PGPUB	OR	OFF	2008/03/27 18:47
S128	1	S127 and solvent	US-PGPUB	OR	OFF	2008/03/27 18:48
S129	1	S127 and solvent\$2	US-PGPUB	OR	OFF	2008/03/27 18:48
S130	1	S127 and solvent\$2 and good	US-PGPUB	OR	OFF	2008/03/27 18:50
S131	0	S127 and solvent\$2 and good and N,N-dimethylformamide and N-dimethylacetamide and N-methyl-2-pyrrolidone and butyrolactone and tetramethylurea and dimethylsulfoxide and (hexamethylphosphoric near triamide) and sulfolane	US-PGPUB	OR	OFF	2008/03/27 18:56
S132	1	S127 and solvent\$2 and good and dimethylformamide and dimethylacetamide and pyrrolidone and butyrolactone and tetramethylurea and dimethylsulfoxide and (hexamethylphosphoric near triamide) and sulfolane	US-PGPUB	OR	OFF	2008/03/27 18:56



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